



Docket No. 4355D (DIV)

#17/P  
WB  
4/23/03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

Applicant: Appadurai Thangaraj, et al.

Serial No.: 09/760,065

Filed: January 12, 2001

For: METHOD AND DEVICE FOR THE  
PRODUCTION OF AN AQUEOUS SOLUTION  
CONTAINING CHLORINE DIOXIDE

Art Unit: 1754

Examiner: N. Nguyen

**RECEIVED**  
**APR 16 2003**  
**TC 1700**

April 11, 2003

Assistant Commissioner for Patents  
United States Patent and Trademark Office  
Washington, DC 20231

**AMENDMENT**

Sir:

In response to the Office action mailed December 18, 2002, kindly amend the application as follows:

In the claims

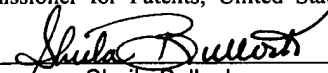
Please amend claim 26 as follows:

26. (three-times amended) A device capable of producing an aqueous solution of chlorine dioxide when said device is placed into water, the device comprising a water-

**CERTIFICATE OF MAILING (37 CFR 1.10)**

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below as Express Mail Post Office to Addressee", Mailing Label No. EM 507974212US in an envelope addressed to: Commissioner for Patents, United States Patent and Trademark Office, Washington, DC 20231.

Date: January 3, 2003

  
Sheila Bullock

P1 permeable membrane defining at least in part an enclosed space containing a mixture of at least one metal chlorite and at least one acid forming component, at least a portion of said at least one metal chlorite and at least one acid forming component having no interposed material, said acid forming component being selected from the group consisting of water soluble acids, water soluble acid salts, synthetic molecular sieves, acid ion exchange resins, acid treated clays and acid treated calcined clays, and wherein said metal chlorite and said acid forming component are such that they will react with each other in the presence of water but not in the substantial absence of water to produce chlorine dioxide, said membrane comprising a material which permits: (a) controlled passage of liquid water and/or water vapor into the enclosed space to thereby allow the metal chlorite and the acid forming component to react to produce chlorine dioxide and (b) passage of the so produced chlorine dioxide into a body of liquid water to produce the aqueous solution of chlorine dioxide.

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Please add the following new claim 60:

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P2 60. (New) The device of claim 26, wherein the membrane comprises kraft paper.

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